

## Certificate of Analysis

Date of Testing: 2022-08-08 15:08:08  
Date of Next Testing: 2026-08-07 15:08:08  
Product Name: **Carbohydrazide**  
CAS Number: 497-18-7  
Specifications & Purity: 97%  
Lot #: J1809049  
SKU #: **C102118**  
**Analysis:** **122425**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point(Decomposition)	153-157 (°C)	154.60 °C
Carbon by Elemental Analysis	13-13.7 (%)	13.30 %
Nitrogen by Elemental Analysis	60.6-63.7 (%)	61.70 %
Purity(Potassium iodate Method)	97-100 (%)	97.66 %
Appearance (C102118)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager